

B 70

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	18	TSUJI-YOSHIYUKI.IN.	US-PGPUB; USPAT	OR	ON	2006/08/07 16:54
S2	7	TSUJIMOTO-TOSHIO.IN.	US-PGPUB; USPAT	OR	ON	2006/08/08 11:24
S3	650	428/34.4	US-PGPUB; USPAT	OR	ON	2006/08/07 16:43
S4	1777	428/34.1	US-PGPUB; USPAT	OR	ON	2006/08/07 16:43
S5	9	S1 AND crucible	US-PGPUB; USPAT	OR	ON	2006/08/07 16:44
S6	6	S2 AND crucible	US-PGPUB; USPAT	OR	ON	2006/08/07 16:45
S7	63	S3 AND crucible	US-PGPUB; USPAT	OR	ON	2006/08/07 16:45
S8	27	S4 AND crucible	US-PGPUB; USPAT	OR	ON	2006/08/07 16:45
S9	11	(S5 OR S6 OR S7 OR S8) AND groove	US-PGPUB; USPAT	OR	ON	2006/08/07 16:47
S10	9	(S5 OR S6 OR S7 OR S8) AND groove AND silica and crucible	US-PGPUB; USPAT	OR	ON	2006/08/07 17:06
S11	4	("5800924" "5922127" "5954875" "5972488").PN. OR ("6524668").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:52
S12	4	S11 AND crucible	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:52
S13	0	S11 AND crucible AND groove AND silica	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:52
S14	1	S11 AND crucible AND groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 16:52
S15	1	S1 and crucible AND groove	US-PGPUB; USPAT	OR	ON	2006/08/07 16:56
S16	12	"JAPAN SUPER QUARTZ CORPORATION"	US-PGPUB; USPAT	OR	ON	2006/08/08 10:05
S17	1	"JAPAN SUPER QUARTZ CORPORATION" AND crucible and groove	US-PGPUB; USPAT	OR	ON	2006/08/07 16:56
S18	12	"JAPAN SUPER QUARTZ CORPORATION" AND crucible	US-PGPUB; USPAT	OR	ON	2006/08/07 16:56

EAST Search History

S19	8	crucible AND groove AND silica AND groove AND depth SAME length SAME width	US-PGPUB; USPAT	OR	ON	2006/08/07 16:58
S20	0	crucible.AB. AND groove and silica	US-PGPUB; USPAT	OR	ON	2006/08/07 16:59
S21	43	crucible.AB. AND groove and silica	US-PGPUB; USPAT	OR	ON	2006/08/07 16:59
S22	63	groove SAME crucible AND silica	US-PGPUB; USPAT	OR	ON	2006/08/07 17:11
S23	133	crucible AND width SAME depth SAME groove	US-PGPUB; USPAT	OR	ON	2006/08/07 17:54
S24	21	("2139215" "3844336" "4142571").PN. OR ("4212343").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 17:27
S25	8	S24 AND groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 17:27
S26	26	("2397004" "2397005" "4213787" "4390638" "4435511" "4520115" "4521524" "4537862" "4732876" "4816949" "4824809" "4855261" "4940678" "4957883" "5029032" "5032315" "5204293" "5222006" "5224001" "5245492" "5262363" "5264400" "5284706").PN. OR ("6503858").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 17:30
S27	6	S26 AND groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 17:30
S28	12	("3605863" "4211821" "4212343" "4289571" "4333792").PN. OR ("4688623").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 17:33
S29	16	crucible SAME width SAME depth SAME groove	US-PGPUB; USPAT	OR	ON	2006/08/07 17:56
S30	67	"silica glass crucible"	US-PGPUB; USPAT	OR	ON	2006/08/07 17:56
S31	2	"silica glass crucible" AND groove	US-PGPUB; USPAT	OR	ON	2006/08/07 17:56
S32	23	silica WITH glass WITH crucible AND groove	US-PGPUB; USPAT	OR	ON	2006/08/07 17:57
S33	7	("20030074920" "5053359" "5609682" "5704973" "5730800" "6553787" "6652934").PN. OR ("6911080").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 18:09

EAST Search History

S34	1	silica WITH glass WITH groove WITH depth WITH width AND sand WITH blast	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 18:12
S35	3	silica WITH glass WITH groove WITH depth WITH width	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 18:13
S36	287	glass WITH groove WITH depth WITH width	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 18:13
S37	5	glass WITH groove WITH depth WITH width AND crucible	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 18:27
S38	38	117/220	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 18:28
S39	141	432/262	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 18:27
S40	5	S38 AND crucible AND groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 18:48
S41	11	S39 AND crucible AND groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 18:51
S42	228	semiconductor AND crucible AND groove AND crystal WITH silicon	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 18:52
S43	9	semiconductor AND crucible AND groove AND crystal WITH silicon AND "pulling up"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 19:07
S44	5	semiconductor AND crucible AND groove AND crystal AND "pulling up" NOT S43	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 19:08
S45	1	semiconductor AND crucible AND groove AND crystal AND "pulling up" AND sand WITH blast	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 19:09
S46	1	semiconductor AND crucible AND groove AND crystal AND sand WITH blast	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 19:09
S47	0	semiconductor AND crucible AND groove AND crystal AND sandblast	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 19:10
S48	469	semiconductor AND crucible AND groove AND crystal	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 19:11

EAST Search History

S49	102	semiconductor AND crucible SAME groove AND crystal	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 19:12
S50	24	semiconductor AND crucible SAME groove SAME depth AND crystal	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 19:17
S51	46	semiconductor AND crucible AND groove SAME outer WITH surface	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 19:19
S52	33	semiconductor AND crucible AND groove SAME outer NEAR3 surface	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/07 19:19
S53	86	"shin-etsu quartz"	US-PGPUB; USPAT	OR	ON	2006/08/08 10:09
S54	35	"shin-etsu quartz" AND crucible	US-PGPUB; USPAT	OR	ON	2006/08/08 10:09
S55	2	"shin-etsu quartz" AND crucible AND groove	US-PGPUB; USPAT	OR	ON	2006/08/08 10:10
S56	13	"heraeus" AND crucible AND groove	US-PGPUB; USPAT	OR	ON	2006/08/08 10:40
S57	31	silica WITH glass SAME groove SAME depth SAME width	US-PGPUB; USPAT	OR	ON	2006/08/08 10:41
S58	4	silica WITH glass SAME groove SAME depth SAME width AND adhesion	US-PGPUB; USPAT	OR	ON	2006/08/08 10:43
S59	148	silica WITH glass AND groove SAME depth SAME width AND adhesion	US-PGPUB; USPAT	OR	ON	2006/08/08 10:47
S60	2	silica WITH glass AND groove SAME depth SAME width AND adhesion AND "fine groove"	US-PGPUB; USPAT	OR	ON	2006/08/08 10:48
S61	48	silica WITH glass AND "fine groove"	US-PGPUB; USPAT	OR	ON	2006/08/08 10:48
S62	11	silica WITH glass AND "fine groove" AND adhesion	US-PGPUB; USPAT	OR	ON	2006/08/08 10:49
S63	77	glass SAME "fine groove" AND adhesion	US-PGPUB; USPAT	OR	ON	2006/08/08 10:52
S64	207	glass AND adhesion AND sandblast AND acid	US-PGPUB; USPAT	OR	ON	2006/08/08 10:53
S65	79	glass AND adhesion AND sandblast AND acid AND depth	US-PGPUB; USPAT	OR	ON	2006/08/08 10:53
S66	79	glass AND adhesion AND sandblast AND acid AND depth AND adhesion	US-PGPUB; USPAT	OR	ON	2006/08/08 11:26
S67	617	501/1	US-PGPUB; USPAT	OR	ON	2006/08/08 11:25

EAST Search History

S68	3	501/1 AND groove and adhesion and glass	US-PGPUB; USPAT	OR	ON	2006/08/08 11:25
S69	146	glass AND adhesion AND sandblast AND depth	US-PGPUB; USPAT	OR	ON	2006/08/08 11:31
S70	87	sandblast SAME glass AND bond	US-PGPUB; USPAT	OR	ON	2006/08/08 11:32
S71	15	sandblast SAME glass AND bond AND groove	US-PGPUB; USPAT	OR	ON	2006/08/08 11:33
S72	87	sandblast SAME glass AND bond	US-PGPUB; USPAT	OR	ON	2006/08/08 11:33
S73	265	sandblast SAME glass	US-PGPUB; USPAT	OR	ON	2006/08/08 11:35
S74	30	sandblast SAME glass AND etch	US-PGPUB; USPAT	OR	ON	2006/08/08 11:38
S75	492	216/52	US-PGPUB; USPAT	OR	ON	2006/08/08 11:38
S76	63	216/52 AND groove and depth	US-PGPUB; USPAT	OR	ON	2006/08/08 11:42
S77	4790	451/41	US-PGPUB; USPAT	OR	ON	2006/08/08 11:42
S78	1485	451/41 AND groove	US-PGPUB; USPAT	OR	ON	2006/08/08 11:42
S79	726	451/41 AND groove AND depth	US-PGPUB; USPAT	OR	ON	2006/08/08 11:45
S80	2	451/41 AND groove AND depth AND sandblast	US-PGPUB; USPAT	OR	ON	2006/08/08 11:43
S81	34	451/41 AND groove AND depth AND fine WITH groove	US-PGPUB; USPAT	OR	ON	2006/08/08 11:46
S82	1	sandblast WITH crucible	US-PGPUB; USPAT	OR	ON	2006/08/08 11:46
S83	163	sandblast WITH glass	US-PGPUB; USPAT	OR	ON	2006/08/08 11:50
S84	456	groove WITH glass AND abrasive	US-PGPUB; USPAT	OR	ON	2006/08/08 11:50
S85	46	groove WITH silica AND abrasive	US-PGPUB; USPAT	OR	ON	2006/08/08 11:52
S86	147	fine WITH groove AND silica WITH glass	US-PGPUB; USPAT	OR	ON	2006/08/08 11:56
S87	158	silica WITH glass WITH groove	US-PGPUB; USPAT	OR	ON	2006/08/08 11:59
S88	61	"451".CLAS. and sandblast and glass	US-PGPUB; USPAT	OR	ON	2006/08/08 12:00
S89	8	"51".CLAS. and sandblast and glass	US-PGPUB; USPAT	OR	ON	2006/08/08 12:02

EAST Search History

S90	0	"51".CLAS. and sandblast and glass AND groove	US-PGPUB; USPAT	OR	ON	2006/08/08 12:02
S91	216	sandblast and glass AND groove	US-PGPUB; USPAT	OR	ON	2006/08/08 12:02
S92	91	sandblast and glass AND groove AND adhesion	US-PGPUB; USPAT	OR	ON	2006/08/08 12:03
S93	0	sandblast.CLM. AND glass.CLM. AND adhesion.CLM.	US-PGPUB; USPAT	OR	ON	2006/08/08 12:06
S94	24	sandblast.CLM. AND glass.CLM.	US-PGPUB; USPAT	OR	ON	2006/08/08 12:09
S95	20	glass SAME groove SAME depth SAME adhere	US-PGPUB; USPAT	OR	ON	2006/08/08 12:39
S96	0	adhesive WITH bonding WITH glass	US-PGPUB; USPAT	OR	ON	2006/08/08 12:39
S97	0	adhesive SAME bonding SAME glass	US-PGPUB; USPAT	OR	ON	2006/08/08 12:39
S98	10403	adhesive SAME bonding SAME glass	US-PGPUB; USPAT	OR	ON	2006/08/08 12:39
S99	557	adhesive WITH bonding WITH glass AND grooves	US-PGPUB; USPAT	OR	ON	2006/08/08 12:40
S100	163	adhesive WITH bonding WITH glass AND grooves AND silica	US-PGPUB; USPAT	OR	ON	2006/08/08 12:40
S101	87	adhesive WITH bonding WITH glass AND grooves AND silica AND depth	US-PGPUB; USPAT	OR	ON	2006/08/08 12:52
S102	737	"156".CLAS. AND glass SAME groove	US-PGPUB; USPAT	OR	ON	2006/08/08 12:53
S103	304	"156".CLAS. AND glass SAME groove AND depth	US-PGPUB; USPAT	OR	ON	2006/08/08 12:53
S104	191	"156".CLAS. AND glass SAME groove AND depth AND adhesive	US-PGPUB; USPAT	OR	ON	2006/08/08 12:59
S105	191	"156".CLAS. AND glass SAME groove AND depth AND adhesive AND glass	US-PGPUB; USPAT	OR	ON	2006/08/08 13:36
S106	24	"156".CLAS. AND glass SAME groove AND depth AND adhesive AND glass AND silica	US-PGPUB; USPAT	OR	ON	2006/08/08 13:00
S107	6	"156".CLAS. AND glass SAME groove AND depth AND adhesive AND sandblasting	US-PGPUB; USPAT	OR	ON	2006/08/08 13:38
S108	66	glass SAME groove AND depth AND adhesive AND sandblasting NOT S105	US-PGPUB; USPAT	OR	ON	2006/08/08 13:46
S109	1	glass SAME groove AND depth AND adhesive AND sandblasting NOT S105 AND microgroove	US-PGPUB; USPAT	OR	ON	2006/08/08 13:39

EAST Search History

S11 0	1	glass AND groove AND depth AND adhesive AND sandblasting NOT S105 AND microgroove	US-PGPUB; USPAT	OR	ON	2006/08/08 13:39
S11 1	1	glass AND groove AND sandblasting NOT S105 AND microgroove	US-PGPUB; USPAT	OR	ON	2006/08/08 13:39
S11 2	143	glass WITH sandblasting NOT S105 AND groove	US-PGPUB; USPAT	OR	ON	2006/08/08 13:46
S11 3	47	glass WITH sandblasting NOT S105 AND groove AND adhesion	US-PGPUB; USPAT	OR	ON	2006/08/08 13:46
S11 4	29	glass WITH sandblasting NOT S105 AND groove AND adhesion AND depth	US-PGPUB; USPAT	OR	ON	2006/08/08 13:47